

In the Specification (continued):

Please amend the abstract of the disclosure as follows:

ABSTRACT OF THE DISCLOSURE:

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The invention is a procedure for measuring the binding of an entity (ligand) to a surface by using a hapten-conjugated version of the ligand (hapten-ligand). An excess of the hapten-ligand is presented to the binding surface and excess (unbound) hapten-ligand is washed off. Bound hapten-ligand is then solubilized (removed) and applied to a
10 membrane support or separated by electrophoresis and applied to a membrane support. Known amounts of hapten-ligand are similarly applied to the membrane, to provide for hapten-ligand standards. The membrane-bound hapten-ligand is detected by application of an enzyme-conjugated antibody to the hapten; or by application of an antibody to the hapten followed by application of an enzyme-conjugated antibody to the anti-hapten
15 antibody. The resultant membrane-associated enzyme is detected and quantitated by the application of a color or light-producing substrate which reacts with the enzyme. ~~Results obtained from the standards are used to calculate the amount of hapten-ligand in the membrane areas corresponding to the unknowns. Thus, the amount of hapten-ligand originally bound to the surface can be determined.~~ A combination of the use of anti-
20 hapten antibodies along with membrane-blotting technologies to assess hapten-ligand binding to surfaces is not found in the scientific or patent literature, particularly in regards to ~~assessing protein binding~~ assessing protein binding to cell surfaces.